

CLAIMS

1. An electrical apparatus operation state control system for controlling an operation state of an electrical apparatus
5 (1, 29, 53) operated by operation means (4, 6M, 42, 54, 67M) operated by a user for switching an operation state, characterized by:

communication control means (13, 25, 30, 73) disposed between the electrical apparatus (1, 29, 53) and an operating
10 power supply for the electrical apparatus (1, 29, 53);

operation state switching means (6R, 40, 43, 55, 67R) disposed at the electrical apparatus (1, 29, 53) side for switching an operation state of the electrical apparatus (1, 29, 53) independent of operation in the operation means (4, 6M, 42,
15 54, 67M), and in that the operation state switching means (6R, 40, 43, 55, 67R) is rendered operable via the communication control means when a remote operated terminal (14, 23) executing an over-the-horizon communication with the communication control means.

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2. The electrical apparatus operation state control system according to claim 1, characterized in that the operation state switching means is composed as automatic operation means (43, 55) for automatically operating the operation means of the
25 electrical apparatus.

3. The electrical apparatus operation state control system according to claim 1 or 2, characterized in that the electrical

apparatus (29, 53) is arranged so that an operation state thereof in power activation is changeable into a plurality of stages.

4. The electrical apparatus operation state control system
5 according to any one of claims 1 to 3, further characterized by a power supply state informing unit which is provided at the electrical apparatus side and informs whether the electrical apparatus is connected to a power supply.

10 5. The electrical apparatus operation state control system according to any one of claims 1 to 4, characterized in that the communication control means and the remote operated terminal are communicable via a public communication line.

15 6. The electrical apparatus operation state control system according to any one of claims 1 to 5, characterized in that after receiving a command to change the operation state of the electrical apparatus from the remote operation terminal, the communication control means is capable of executing the
20 instructions when a predetermined condition is met.

7. The electrical apparatus operation state control system according to any one of claims 1 to 6, further characterized by detecting means (15, 41, 69) for detecting the operation state
25 of the electrical apparatus and informing the detected operation state to the communication control means and in that the communication control means transmits a result of detection informed by the detecting means to the remote-operated terminal

and further characterized by informing means (20) for informing the transmitted detection result to the remote operation terminal.

5 8. The electrical apparatus operation state control system according to any one of claims 1 to 7, characterized in that the detecting means (15) are disposed on a plurality of electrical apparatuses for detecting a state of consumed power for each of the electrical apparatuses and the communication control means
10 (13) is capable of controlling the state of consumed power for each of the electrical apparatuses, and when a sum total of the state of consumed power informed by the detecting means exceeds an upper limit value, the communication control means (13) controls so that the consumed power is reduced from the electrical
15 apparatus with a lower priority sequence or stops the operation of the electrical apparatus so that the sum total is limited within an upper limit power or.

 9. The electrical apparatus operation state control system
20 according to claim 8, characterized in that the communication control means (13) sets the priority sequence of the electrical apparatus whose operation state has been changed latest to lowest and so that the priority sequence becomes higher as the time the operation state was changed.